

**MAT 1033 INTERMEDIATE ALGEBRA
FALL 2011**

COURSE SYLLABUS

PROFESSOR: Mrs. Sonya Lenhof
E-MAIL: slenhof@valenciacollege.edu Please write the course and time your class meets in the subject line to expedite your response. This also avoids the possibility of your email being filtered.
OFFICE: Building 1, room 358
STUDENT ENGAGEMENT HOURS: MWF from 7:30am-8:00am in Building 8, lobby area
M from 12:00pm-1:30pm in office and W from 12:00pm-12:30pm in bldg 8 lobby area
TR from 7:30am-10:00am and from 12:45pm-1:30pm
PHONE: 407-582-2240 (If you leave a voice mail message I also receive notification via email)
WEBSITE: <http://faculty.valenciacollege.edu/slenhof>

This syllabus is a contract between the student and the professor. By attending this course, the student agrees to and accepts the terms and conditions of this contract. It is the responsibility of the student to carefully read this syllabus/contract, and to adhere to all policies and procedures within.

COURSE DESCRIPTION:

Prerequisite: Minimum grade of C in MAT 0020C or MAT 0024C or appropriate score on an approved assessment. This course presents algebraic skills for MAC 1105. Topics include linear equations and inequalities in two variables and their graphs; systems of linear equations and inequalities; introduction to functions; factoring; algebraic fractions; rational equations; radicals and rational exponents complex numbers; quadratic equations; applications of the above topics and the communication of mathematics. Applications emphasizing connections with disciplines and the real world will be included. For the AA Degree, this course carries general elective credit but does not satisfy either Gordon Rule or general education requirements. For the AS Degree, this course can fulfill general education mathematics requirements if a minimum grade of C is earned. (Special Fee: \$25.00)

REQUIRED MATERIALS:

Text: Intermediate Algebra with Applications and Visualization, 3rd edition by Rockswold and Krieger.
ACCESS to MyMathLab – provided with purchase of a textbook.
Calculator: TI-83 or TI-83+ or TI-84 Graphing Calculator (A TI-84 will be used for classroom demonstration)
Optional: Student solutions manual is available but is optional.

SUPPORT MATERIALS:

- There is tutoring available in Building 4, first floor (IMC). The Math Support Center (Building 4-108) is a great help!
- Videotapes for each chapter are available for home use to accompany this text, check the tapes out at the Materials Desk.

ATTENDANCE:

Attendance is required at your assigned class time. You are expected to attend every class, be punctual, and complete all assignments. **You are responsible for all work presented when you are absent. I do not withdraw students due to non-attendance; it is your responsibility to handle such matters.** No absence will be excused unless legal or medical documentation is provided. Regular attendance and participation are significant factors to promote success in the course.

CLASS PARTICIPATION:

Students are encouraged to participate actively and ask pertinent questions during class. Courtesy will always be observed. You should expect to spend 3-4 hours outside of class time each week preparing (reading, taking notes, completing homework, etc) for this course.

CELL PHONES, BEEPERS, WATCH ALARMS, MUSIC & ELECTRONIC DEVICES:

Please turn off all these devices before you come to class. They are a huge distraction and will not be allowed during class time. If a phone rings and is answered, that student will be asked to leave class and will be considered absent for the day.

EMERGENCY CONDITIONS:

To verify that the college is open and classes are being held, please call 407-582-1692 or sign up for Valencia Alert: Emergency Messaging System found on the Atlas homepage. You can also check the Valencia website or the local TV and radio news. If the college is open, I will hold class!

HOMEWORK:

On-line homework will be done through "MyMathLab", see last page. On-line homework that corresponds to each test is due at 11:59pm the day before the scheduled test. Keep any work from your online assignments in a notebook in an organized fashion to optimize the help your notebook can provide during a quiz. Show all your work, that is, include worked-out solutions for each problem, not just the final answer! Your lowest homework assignment will be dropped.

QUIZZES:

In addition to the online homework, quizzes will be given periodically over the homework. Some will be taken in class while others will be done at home. The classroom quizzes will be approximately 10-15 minutes in length. The **ONLY** aid permitted during these quizzes is your **OWN** notebook. You will **NOT** be able to make up a quiz under any circumstance!! You are either present at the time a quiz is given and receive a grade, or, you are not present and will receive a **"0"** (zero). Your lowest quiz grade will be dropped. It is your responsibility to bring your notebook to class each day. Using the textbook, another person's notebook, or other unauthorized sources during a homework quiz is considered cheating. Check all the answers to your homework problems and rewrite those that are incorrect. I encourage you to work with other classmates.

LAB ACTIVITIES:

In addition to the 3 hours you will spend in class each week, you will spend 1 hour each week in a mathematics lab. During the lab time, you will work on mathematics activities that will reinforce or expand the material that you have in your textbook. You may work with mathematics manipulatives to better understand a concept, collect measurements to work a problem, or complete a worksheet that provides a different way to review a topic. Lab attendance is mandatory. All lab assignments must be completed during lab. You may work together during lab but must turn in your own individual work. **NO LATE WORK WILL BE ACCEPTED!** There will be no make-ups for labs, if you miss a lab it will be counted as a — **"0"** (zero). Your lowest lab grade will be dropped.

EXAMS:

Tests: You will have 4 tests during the semester. Each test will emphasize new material, but may also include questions on any topics discussed earlier. All tests will be given during class time, except for test 3 which will be taken in the testing center. Tests will be divided into two portions; one without the use of calculators and the other with the use of calculators. Each test will be worth 100 points. **There will be no makeup tests.** If you know ahead of time that you have to miss a test, arrangements may be made to take the test early.

Final Exam: There will be a comprehensive Final Exam in this course. ***If one scheduled test is missed, your final exam grade will be used in place of the missed test score; this can only be used to replace 1 test score. If you have not missed any scheduled tests and have performed poorly on 1 test, your final exam grade will be used to replace this low test score if it is higher.*** The exam will be given in our classroom, see class Calendar for your date and time. The final exam will be worth 100 points and will be on the appropriate day listed on the schedule. **Failure to take the final exam automatically results in a recorded grade of F.**

ACADEMIC HONESTY:

All forms of academic dishonesty are prohibited at Valencia. Academic dishonesty includes, but is not limited to, plagiarism, cheating, furnishing false information, forgery, alteration or misuse of documents, misconduct during a testing situation, and misuse of identification with intent to defraud or deceive. **Sanctions available to the professor should a violation occur are described in the Valencia Student Handbook or online at <http://valenciacollege.edu/pdf/studenthandbook.pdf>.**

EXPECTED STUDENT CONDUCT IN THE VALENCIA STUDENT HANDBOOK:

Valencia College is dedicated not only to the advancement of knowledge and learning but is concerned with the development of responsible personal and social conduct. Students who engage in any prohibited or unlawful acts that result in disruption of a class may be directed by the faculty member to leave the class. Violation of any classroom or Valencia's rules may lead to disciplinary action up to and including expulsion from Valencia. Disciplinary action could include being withdrawn from class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. You will find the Student Code of Conduct in the current Valencia Student Handbook.

COMPETENCIES OF A VALENCIA GRADUATE:

1. Think clearly, critically and creatively by analyzing, synthesizing, integrating and evaluating knowledge.
2. Communicate by reading, listening, writing, and speaking effectively.
3. Make reasoned value judgments and responsible commitments.
4. Act purposefully, reflectively, and responsibly by implementing effective problem solving and decision making.

STUDENTS WITH DISABILITIES: Students with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferable during the first week of class. The Office for Students with Disabilities (East, Bldg 5-216) determines accommodations based on appropriate documentation of disabilities.

WITHDRAWAL POLICY: If you decide to withdraw, you must follow the proper procedure (see "Atlas" for details). Students should familiarize themselves with Valencia Community College's withdrawal policy. Students may withdraw at any time until the withdrawal deadline, **November 4, 2011**, and receive a "W". After the deadline, students will receive the grade they earn.

COURSE GRADE CALCULATION:

Homework/Quizzes/Lab Assignments (lowest score of each will be dropped)	200 Points
Tests (4 @ 100 points each)	400 Points
<u>Final Examination</u>	<u>100 Points</u>
Total Points Possible	700 Points

The course grade in MAT 1033 will be determined by taking the total points earned divided by the total points possible to calculate a percent average. The following scale will determine your letter grade:

- A: 90 – 100%** (≥ 630 Total Points)
- B: 80 – 89%** (560-629 Total Points)
- C: 70 – 79%** (490-559 Total Points, Minimum Grade to Pass this Course)
- D: 60 – 69%** (420-489 Total Points, This Grade will Require You to Repeat this Course)
- F: below 60%** (≤ 419 Total Points, This Grade will Require You to Repeat this Course)

DISCLAIMER:

Changes in the syllabus, course calendar, evaluation procedure, homework assignments, and/or any other document provided by the professor may be made at discretion of Ms. Lenhof. In case you are absent, **it is your responsibility** to find out what, if any, announcements or changes are made.

FOR ONLINE HOMEWORK ASSIGNMENTS:

If you do not have a computer and a high-speed internet connection, I recommend that you complete the assignments in the Instructional Media Center (IMC) in Building 4.

STUDENT REGISTRATION in MyMathLab:

1. Go to <http://pearsonmylab.com>
2. Click on Register.
3. Click on Next in the bottom right hand corner.
4. Follow the directions on the screen to register in the course. When asked for the course ID, enter the code that corresponds to your class meeting time, please enter the correct code or you will not receive credit for your homework as your work will be in the wrong place:

8 am class: lenhof64877

9 am class: lenhof26307

10 am class: lenhof42445

11 am class: lenhof43979

(note Valencia zip code is 32825)

5. Record your login information. If you forget your user name or password you have to contact Technical Support at 1-800-677-6337 (M-F 8am-8pm, Sun 5pm-midnight CST).

Once you have completed these steps go to <http://pearsonmylab.com> **and click on** Log In.

Type in your Login name and Password and click on Log In.

To access all the course materials click on the link for your class in the top left corner.

You must run the "Install Wizard" before doing anything! This provides the plug-ins you will need to view and complete the assignments.

Note: You will need to do this again if you use a "new" computer.

DOING HOMEWORK:

1. Go to <http://pearsonmylab.com> and click on Log In.
2. Type in your Login name and Password and click on Log In.
3. Click on the link for your class.
4. Click on Do Homework. (This should be on the left hand side of the screen.)
5. Click on the section that you want to do homework in. Make sure you "Submit" periodically throughout your session because the program does not auto save, and also "Submit" homework before leaving the homework section. You may do homework as many times as you like till the due date. Thus you can earn 100% on each section by correcting and completing all assignments by the due date.